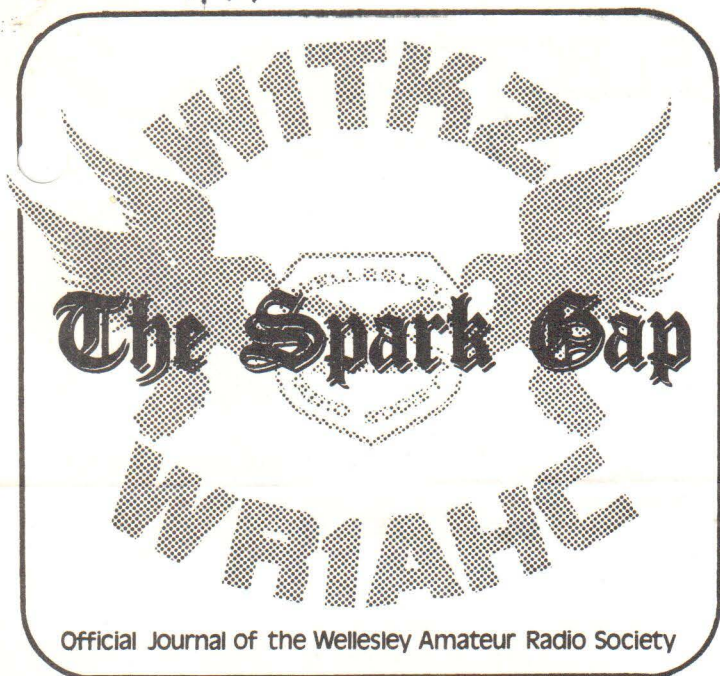


1/77

12/76



Here we go again, my, how the month flies by, especially when it is such a busy one as November turned out to be.

The highlight of the month was the 25th Open House Celebration that was followed very closely with our club's QSO party using the special call NXIUS. We had the club station in operation for a continuous period from 1800 Friday night right through to Sunday afternoon. More on this as we get into it.

Since no one is perfect, I goofed in the last issue. I neglected to make a reference to Thanksgiving Day. I had intended to use this day as one to reflect at the many things we should be thankful for but then we should make every day Thanksgiving, so it isn't too late to air my thoughts in this respect. First of all I am thankful that they had to evict us from our old quarters in the basement of the library because we now have far better facilities, then I am thankful to have such great planners as Don Chesley W1HVS, Joe McGrath W1JIR, Bob Arnold W1UZZM. I am thankful for such great workers in the club like Chris Wiles W1RGA, Bill Downing W1PQY, Dick Weissel W1HRV, Mike Adlerstein W1TUN, and all the other club members that I don't have room to mention, that have given of their time and talents so unselfishly. Yes, in general I don't want to leave a single one of you out because you have all helped make the Wellesley Amateur Radio Society what it is today.

I am also sure that you are as proud of this organization as I am. Yes, I hope we never lose sight of Thanksgiving Day and all the things we have to be thankful for.....Jim Hatherley W1TBY.

At our 25th anniversary Open House the festivities began at 7:30 P.M. Nov. 18th and had a large group of people in attendance. Many were just visitors that had come to see what we had done. A plaque was presented to Al Graf W1OQP, for being an original member of the club, and one to Roger Smith W1EDA, for his many contributions to the club over the years. Both were made LIFE members of the club. A third plaque was presented to Chief William Donohue, Director of Wellesley Civil Defense who was made an honorary member of the club. A unique slide presentation of Field Day 1976 was shown, (to the delight of all who viewed it) as well as a movie on Ham Radio from the ARRL. Coffee, punch, sandwiches and all kinds of pastries adorned the tables and there was more than enough to go round. We had the club console in operation and Martha Gauthier donated one of the nicest birthday cakes I have ever seen with all the trimmings to congratulate the club. Leave it to a woman to see our short-comings...hi. The refreshments were ably handled by Luella Chesley, Cheryl Chesley Peg Hatherley, Martha Gauthier and Debbie Chesley. And, as if this weren't enough, Walter Lenk K1YTY, did some research in the history of the club and came up with a written history of the club through the 25 years. It was superbly done and must have taken Walt a lot of time to compile this information. It appeared in the TOWNSMAN newspaper as written.

Since this occurred on a Thursday evening, we hardly had time to recuperate when we were deep into a special QSO party where we used a special call sign NXIUS, in the next day, Friday. This went on until Sunday afternoon and was seemed to be a fitting way to wind up our club's 25th birthday celebration. All the contacts who were worked that sent in a self addressed stamped envelope (SASE) were

MEETINGS THIS MONTH: none

In January we will meet on the first and third Thursday however.

Intermediate Bldg., Wellesley Hills, Mass.

sent a beautiful engraved certificate to commemorate the event. One thing was sure, a lot of ears stood up when they heard NX1US. I remember one fellow saying, "what country are you from?" It was tiring, but a lot of fun too.

Oh, in addition to all those films at the Open House I forgot to mention the one about raising the antenna to the top of a tower of the Middlesex repeater. This was an interesting movie and starred our own Joe McGrath, steeplejack extraordinaire, way up there on top of that tower. Pretty scary for my blood, believe me. Actually this was a joint venture between the Middlesex and the Wellesley clubs and both had their members participate in the antenna project.



ACTIVITIES

Walt Lenk's Tuesday night AREC Net at 8:00 P.M., on the 96-36 repeater got off to a good start. November 23rd was the first night of the net with 6 stations checking in. The check-ins were evenly divided between the Newton and Wellesley clubs.

The purpose of Walt's net is to make sure our equipment is up to snuff in case of an emergency. We can also discuss future activities of both the Wellesley and Newton clubs. Walt is open to any suggestions as to how the net may be used. All members of the Wellesley ARS are encouraged to remember the net and check in. It meets every Tuesday night at 8:00 P.M.

For your information, the following nets are active.

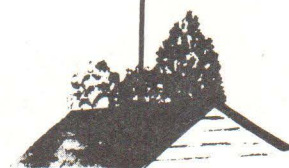
1. Sunday at 0900-Wellesley C.D. net on 145.56 mhz AM. (RACES)
2. Tuesday at 1930-Wellesley AREC net on 145.56 mhz AM
3. Tuesday at 2000-Wellesley AREC net 96-36 FM.

Now that you have the info, hope to see you there.

Note for Novice operators.....

If you are thinking about checking into a CW net, there is a good article in Dec. 76 QST regarding how to word your messages, understand the workings of a net etc. You will find it interesting reading on page 56. Your editor does traffic work and I find it a lot of fun.

ELECTRONIC EXCHANGE



FOR SALE: Yaesu Monitor Scope XO-100 with 9 Mhz IF option, mint condition. Original carton and Manual. \$150.00.

Yaesu Land Liner phone patch and speaker SP-101PB. Never used. Original carton and manual. \$50.00.

G.E. Procline 2 meter transceiver, mint condition, just overhauled and peaked for Navy MARS VHF plus 04/64, 22/82, 07/67 and 52/52. All crystals in ovens, Easily peaked for other repeaters. Measured output 20 watts. Installed Ameco pre-amplifier give high sensitivity comparable to the big Clegg. Transistor power supply. Complete with Manual and original cables for mobile or base station operation. Even has original lock and key for security. Price \$200.00. Will throw in G.E. Procline 50 watt power supply as is.

2 meter antenna - HyGain GPG-2 with pole, tripod and coax. You take it off roof. \$15.00.

On all the items above, call Bob Woodbury K1ZL at 617-785-1423.

Heath Apache Transmitter w/SB10 adapter for SSB.

Hammarlund HQ110 Receiver, needs rectifier tubes. Total \$200.00

Drake TR2200 transceiver 2 meters, good condition \$150.00

SEE Paul Randazzo 1-649-9262. WA1SXU ..

Hallicrafters S-85 general coverage rcvr. calibrated on 80 thru 10 khz. good condition. \$20.00 or Best Offer.

Heathkit DX-35 Transmitter good condition \$20.00. Either unit call Sam Nuwayser, WA1TWK 237-5567.

IF you are looking to sell something you dont need or are looking for a particular piece of equipment, you are invited to notify Jim Hatherley 254 6042 so it can be in the paper.

12/76

Harmonics About Town



Activities

EDUCATIONAL REPORT
by Bill Downing

Our club is continuing to grow and it seems that we should get to know some of our newer members. At the Open House on the 18th of November we accepted eleven new applicants and have been adding to this rapidly. Therefore we would like to take this opportunity to welcome all the new members who are, Richard Nichols, Richard Ruggiero, John Turell, Harry Burttman, Adolfo Saldarriaga(HK4BVE), Joe Savenor, Grace Coleman, Jim Murphy, Dick Magnanti, Roy Rehbein, Tom Kaplan, David Smith, Joel Lazewatsky, Martha Gauthier, Peter Foley, Richard Enright, Kevin Kelly John Bellantoni, John McReynolds, Neil Orenstein, Alan Paillet, Chad Johnson, Scott Nacey, Ned Swartz, Joe Borrow, Ted Levin, Jim McGrath, Maureen McGrath, Felix Losco, Nels Anderson, Glenn Brodie, Stan Waugh, John L. Sullivan, Lawrence K. Sullivan, Joseph Garfield, Francis Garfield, George Sline, James O'Connor and Harvey Morris. A hearty WELCOME to all of you and please feel free to ask for help at any time should you need some, I am sure you will find that this is one big family and that is what makes it such a good fraternity. We hope to hear from you all in the future.

CONGRATULATIONS TO.....new generals are Bob Arnold W1UZM, Harold Alman W1TKD. New novices are David Ring W1ACH, Bruno Vasil Jr. W1ACF, Jim McGrath W1ACC, Maureen McGrath W1ACD, Ron Gaspard W1ACG and Michael Sacks W1ACE. -----

OFFICIAL BULLETIN NR 621 FROM ARRL HQ.
DECEMBER 2, 1976 TO ALL RADIO AMATEURS.

An important action by FCC in connection with U.S. preparations for WARC-79 has resulted in the release of a 140 page proposed table of allocations. ARRL HQ will supply an abstract of the portion relating to the Amateur Radio Service to anyone sending in an addressed envelope with twenty four cents U.S. postage. The abstract will be mailed automatically to all ARRL affiliated clubs. Concerned amateurs will want to comment on this notice of inquiry and the abstract will suggest the method to do so. Address your requests to ARRL, 225 Main St., Newington, Ct. 06111. ar. -----

The last session of Joe McGrath's novice class met on December 1. I am happy to report that nearly all the students have passed the code test, and for those that haven't are on the brink of passing. The class reviewed for the FCC test which should arrive in another couple of weeks.

* * *

Qualified volunteer examiners can now obtain Novice written examinations in bulk prior to the administration of the Novice code test, thanks to a recently announced waiver of the FCC rules. Those who meet the requirements must supply two mailing labels with their names, address, call, number of exams needed and date needed, along with a photocopy of their license to Gettysburg at least 30 days prior to the exam. Examiners are responsible for every copy of the examination. This in effect, puts the bulk of the paperwork squarely in the volunteer's lap. The Commission claims that the benefits accrued in terms of reduction of license processing delays, will more than outweigh the costs, but I'll believe it when I see it.....

* * *

ANNOUNCEMENT....

The next novice class will begin next January 12, 1977 at 7:30 P.M. in the Intermediate Building, 324 Washington St., Wellesley, Mass. Study materials required and regular class meeting date will be announced at the first class. Spread the word.

This year's General/Technician class will begin January 10, 1977 at 7:30 P.M. and convene at the above listed address. Books needed and regular meeting times will be announced at the first class.

General/Technician class theory is expected to be covered. In addition, although it has not been confirmed as of this writing, we hope to conduct 13 wpm code instruction.

Any inquiries that haven't been answered as a result of this notice should be directed to:

William E. Downing W1PQY
90 Arnold St.,
Wellesley Hill, Ma 02181
235-4484

The Spark Gap

Official Journal of the Wellesley Amateur Radio Society



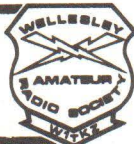
EDITOR-IN-CHIEF, JAMES W. HATHERLEY

THE "SPARK GAP" IS A MONTHLY PUBLICATION OF THE WELLESLEY AMATEUR RADIO SOCIETY. ITS SOLE PURPOSE IS TO KEEP ITS MEMBERS ABREAST OF CURRENT HAPPENINGS, F.C.C. RULES & REGULATIONS CHANGES AND TO LIST EQUIPMENT OFFERED FOR SALE OR TRADE BY MEMBERS. MEMBERS ARE ENCOURAGED TO CONTRIBUTE TO THE SPARK GAP AND MAY SEND THEIR ARTICLES (TYPEWRITTEN IF POSSIBLE) TO THE EDITOR-IN-CHIEF OR TO THE CLUB ADDRESS.

THE WELLESLEY AMATEUR RADIO SOCIETY IS A NON-PROFIT ORGANIZATION DEDICATED TO THE PROMOTION OF AMATEUR RADIO THROUGH INSTRUCTION, FELLOWSHIP, DEMONSTRATION AND ENCOURAGED PARTICIPATION. ANNUAL MEMBERSHIP IN THE SOCIETY-\$5.00. CLUB YEAR RUNS FROM SEPTEMBER 1 - JUNE 30. AMATEUR NOVICE AND GENERAL CLASSES ARE CONDUCTED REGULARLY AT NO COST. TO ENROLL IN A CLASS OR GAIN INFORMATION ABOUT THE SOCIETY IN GENERAL, WRITE THE WELLESLEY AMATEUR RADIO SOCIETY, 324 WASHINGTON STREET WELLESLEY HILLS, MASS 02181



QSY PLEASE, de W1TKZ



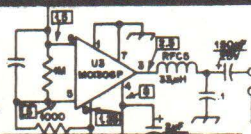
In recent months I have not mentioned that word Dues, but being as busy as we have been, there just wasn't time. Most people have sent in their check for the \$5.00 but for those of you who haven't as yet, please make an effort to do so. Dont let the rest of the guys 'carry you'. Nuff sed?

Now that we are in the midst of the Holiday Season we have cancelled the meeting on the 16th but on behalf of the entire club, we want to wish you the very best of SEASON'S GREETINGS to you and yours and may the NEW YEAR be even more productive and prosperous than this one. A VERY MERRY CHRISTMAS AND A HAPPY NEW YEAR TO ALL.

NOVICEŠ AND TECHNICIANS.....

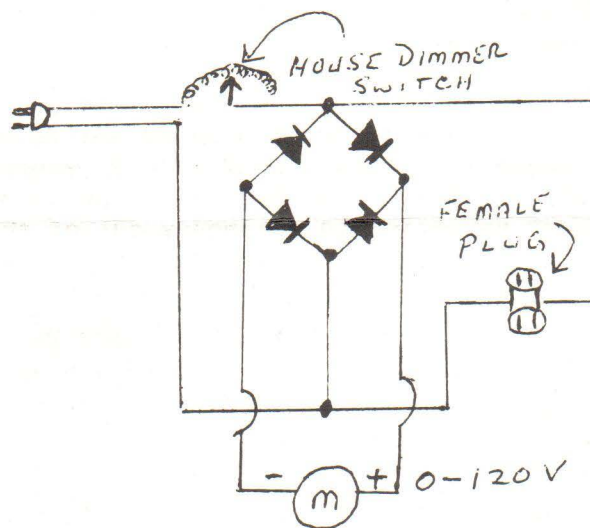
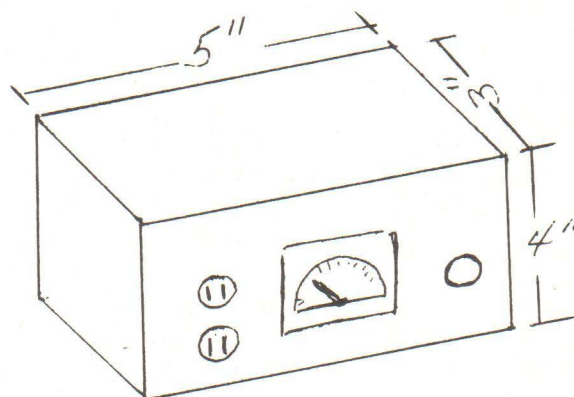
There is the NENN (NEW ENGLAND NOVICE NET) which meets on 3720 khz on Mon-Wed and Fri nights at 6:30 P.M. local time. Check in and increase your code speed.

Tek Tok



JUNK BOX SOLDER CONTROL UNIT.....

Here is a unit that is simple to build and can control the tip of your iron when you don't need too much heat. Most of the components you can find right in your junk box. You will note this uses a full wave bridge rectifier but is only necessary if using a D.C. Voltmeter. If you have an A.C. Voltmeter, eliminate the bridge. Almost any type of bridge rectifier will do the job.



Another tip on soldering is to be sure to keep your soldering tip clean. Doing this will make for less cold solder joints that could cause you trouble. Use a damp sponge to clean off the excess solder before putting your iron away.

profiles

by Bob Arnold, WAIUZZM

This is the second month for PROFILES, and so far the reception to the column has been favorable. I am extremely happy that everyone is enjoying the information about their fellow Hams and Club Members.

I had the recent pleasure of interviewing two more members of the club, Jim Hatherly, WALTBY and Joe McGrath, WALJIR.



Jim has been a member of WARS for 3½ yrs, and presently holds the office of treasurer, and is also Editor of the Spark Gap. Anyone who has tried to get money out of the Treasury can attest to the fact that the club funds couldn't be better managed.

Jim was born in Cambridge in 1923 and has lived in the Metro Boston area all of his life. He is a 1941 graduate of Brighton High School, and presently resides in that town.

Jim is a veteran of four years of Naval service during WW II and served as a Radio-man 2/C. He was assigned with amphibious forces during most of his service, and took part in a number of operations from the invasion of Sicily through the occupation of Japan. During operations off the coast of Luzon, Jim's ship was torpedoed and had to be towed to Leyte for repairs. He said it was quite a frightening experience, and wouldn't care to go through it again.

Jim missed one of the most important events in the history of the war, D-Day,

June 7, 1944, because his ship crossed the International Date Line.

Jim has been licensed, as a Ham, since 1973, and holds a general class ticket. He derives most of his pleasure in AR from CW, and the majority of his CW work involves third party traffic, of which he handles some 40 pieces weekly.

To Jim, CW is a second language, which is evidenced by the fact that he can copy at about 55 wpm. At normal traffic speed, 15-25 wpm, his ability is uncanny. Not only does he copy without the use of pen and paper, but he will hold a conversation with you while doing it. A gift indeed, that most of us just dream about.

In addition to that spent in the execution of the jobs of treasurer and Spark Gap editor, Jim devotes much of his free time and energy to the many functions of the club. During those extended operating events, when most of us are bleary eyed and irritable, Jim is bright eyed and bushy tailed, and the ever-flowing waterfall of humorous remarks produces smiles on everyone's faces.

Jim's other spare time activities include golf and bowling. I am sure that he is quite proficient at both, although he was firmly resistant at revealing either handicap ---- What about it Jim??

Jim is married to the former Peg Conrod of Jamacia Plain, and although she is not a Ham (yet), Peg contributes time and effort at club functions setting up and serving refreshments - Thank you Peg.

Jim and Peg have five children and two grandchildren.

Joe has been a member of the club for several years, and since joining, has been one of its most active members. He has fathered many of the innovative ideas that has made ours the best club in Eastern MA.

Joe was born in Boston in 1948 and, like Jim, has lived in the area all his life. He graduated from Natic High School where he played Basketball and was a member of the photography club.

After High School, Joe attended the Wentworth Institute of Technology for two years where he studied Electronic Engineering, before joining the Navy in 1968.

During his four years of service, Joe worked in the Communications Electronics field, and did quite a bit of traveling.

Along with the many number of places he saw while serving aboard thirteen different ships, Joe also spent time in Norfolk, VA., Pensacola, FL., and Naples, Italy.

In 1970 the ship Joe was on, the USS Hawkins (DD-873), was invited, by the Soviet Union, to visit the port of Odessa, on the Black Sea. Joe said it was the first time a US warship had been invited to visit that port, and that it was the first time since 1963, that a US ship had been in the Black Sea.

In 1971, Joe was aboard a DDG that made another first. While taking part in a NATO exercise, his ship traversed the Grand Canal in Venice. It was the largest ship ever to do so.

Joe also took part in the OCTOBER WAR in 1970 while stationed aboard the USS Calcaterra off the coast of Egypt. When asked about any shooting, he said, "The only shots heard were from the fantail, during Skeet Shooting matches."

Joe was released from active duty in 1972 and has remained in the Naval Reserve.

As mentioned earlier, Joe is very active in the club, and he devotes a major portion of his time to its projects. That beautiful console in the club room is Joe's baby and he was the chairman of the console committee. He also prints the 'Gap' every month and is the designer of all the signs and displays that the club has. And, he is currently teaching a club sponsored Novice Class.

Some of Joe's other activities include woodworking, off-roading in his Jeep, hiking and camping. Photography is another of his hobbies, and he won first prize in a photo contest sponsored by the Boston Globe a few years ago.

Joe has had his ticket since 1967, and currently holds the Advanced class. He is quite active on 2m, but because he lives in an apartment, has not been operating on the low bands.

Joe is a bachelor and works for the Department of the Army

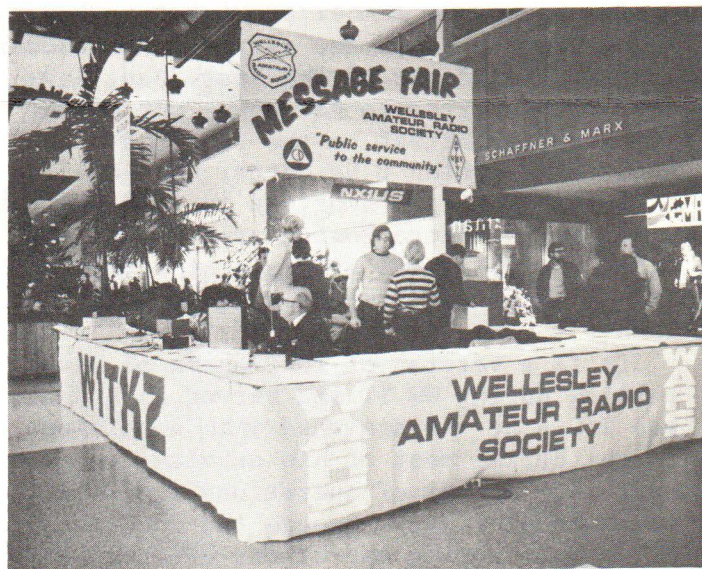
ELECTRONIC EXCHANGE

Drake TR-22c, good condx, 9 pair xtals, nicads rubber duck, AC & DC cords, manual. Price negotiable, please call 235-4484. Ask for Bill.

SILENT KEY - For Sale - DRAKE TR-4C xcvr, W/power supply/spkr and desk mike. Bought new in November, used once. In original boxes; \$700. 326-7234, 326-9118.

HEATH KEYER HD-1410 New \$50. Mrs. Ralph Pearson, 139 Riverside Drive, Dedham. 326-7234, 326-9118.

SOME SCENES AT THE NATICK MALL



WALJIR photo